

Notice of Allowability

Application No.

10/749,806

Examiner

Robert Shiao, Ph.D.

Applicant(s)

WATANABE ET AL.

Art Unit

1626

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on April 07, 2007.
2. ☒ The allowed claim(s) is/are 1-4 and 8-9, now are 1-6.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

1. This application claims benefit of the foreign applications:
JAPAN 2003-9786 with a filing date 01/17/2003; and
JAPAN 2003-71368 with a filing date 03/17/2003.
2. Amendment of claims 1, 4 and 8-9 and cancellation of claims 5-7 in the amendment filed on April 07, 2007 is acknowledged. Claims 1-4 and 8-9 are pending in the application.

Responses to Amendment/Arguments

3. Applicant's arguments regarding the rejection of claims 1-9 under 35 U.S.C. 112, first paragraph filed on April 07, 2007 have been fully considered but they are persuasive. The rejection of claims 1-9 under 35 U.S.C. 112, first paragraph has been withdrawn herein.

EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee. Authorization for this examiner's amendment was given in a telephone interview with Jeffrey D. Hsi on May 16, 2007. The application has been amended as follows:

In claim 1, line 3, delete "[Chem. 3]"

In claim 1, line 5, delete "in the formula," and insert

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--wherein--

In claim 1, page 3, line 14, delete "[Chem. 1]"

In claim 1, page 3, line 16, delete "in the formula," and insert

--wherein--

In claim 1, page 3, line 17, delete "[Chem. 2]"

In claim 1, page 3, line 19, delete "in the formula," and insert

--wherein--

In claim 1, page 3, lines 21-22, after "compound", delete "a ruthenium compound as"

In claim 4, line 5, delete "[Chem. 4]"

In claim 4, line 7, delete "in the formula," and insert

--wherein--

In claim 8, line 5, delete "[Chem. 9]"

In claim 8, line 7, delete "in the formula," and insert

--wherein--

In claim 8, line 10, after "the same meaning as", delete "above", and insert

--claim 1 --

In claim 9, page 6, line 1, delete "[Chem. 10]"

In claim 9, page 6, line 4, delete "in the formula," and insert

--wherein--

In claim 9, page 6, line 5, after "the same meaning as", delete "above", and insert
--claim 8 --

Reasons for Allowance

5. The following is an examiner's statement of reasons for allowance:

Claims 1-4 and 8-9 are neither anticipated nor rendered obvious over the art of record, and therefore are allowable. This invention relates to process for producing optically active compound. The closest prior art is Zhang's US 6,380,392, discloses ligand based on chiral 2-amino-2'-hydroxy-1, 1'-binaphthyl and related frameworks for asymmetric catalyst. The difference between the reference and instant claims is that instant claimed processes have not been found. A suggestion for modification of above reference to obtain the instant processes has not been found. Claims 1-4 and 8-9 are allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert Shiao whose telephone number is (571) 272-0707. The examiner can normally be reached on 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph K. McKane can be reached on (571) 272-0699. The fax phone

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
number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



REBECCA ANDERSON
PATENT EXAMINER

For Joseph K. McKane
Supervisory Patent Examiner
Art Unit 1626



Robert Shiao, Ph.D.
Patent Examiner
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May16, 2007